

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113308.D
 Acq On : 26 Mar 2019 23:20
 Operator : JU/SJ
 Sample : K2103-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05-SETTLED-3H-B

Quant Time: Mar 27 05:02:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	192913	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	682861	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	327560	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	630244	20.00	ng	0.00
76) Chrysene-d12	13.83	240	378675	20.00	ng	-0.01
87) Perylene-d12	15.23	264	499942	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	358503	30.39	ng	0.00
7) Phenol-d6	6.35	99	287732	19.28	ng	-0.01
23) Nitrobenzene-d5	7.27	82	906905	78.83	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	230955	57.08	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	1500933	68.37	ng	0.00
79) Terphenyl-d14	12.79	244	1218537	70.93	ng	-0.01

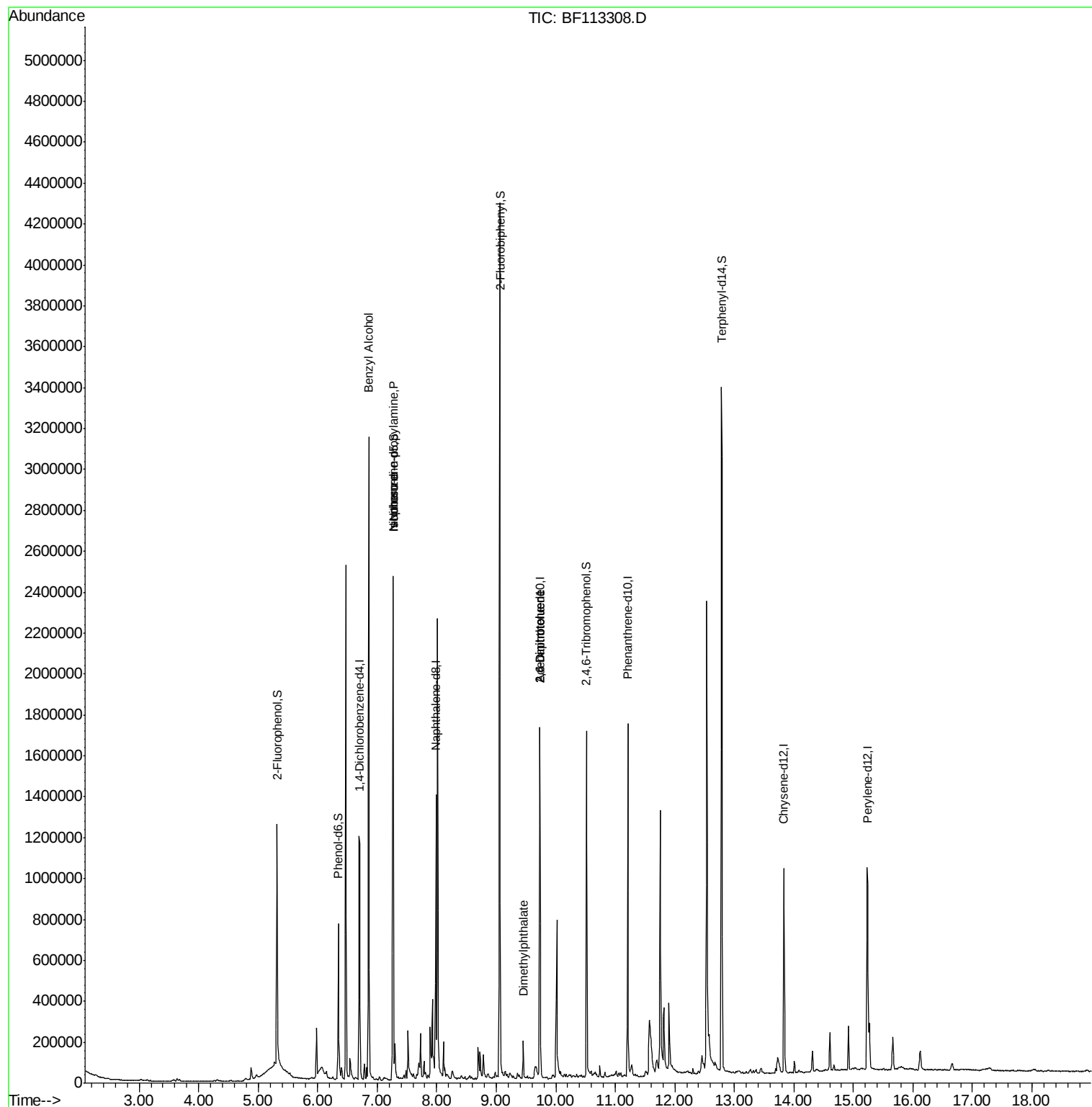
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.86	79	28924	2.938	ng	# 56
19) n-Nitroso-di-n-propylamine	7.27	70	120896	12.895	ng	# 76
20) 3+4-Methylphenols	7.14	107	3250	Below Cal		90
25) Isophorone	7.27	82	880724	39.501	ng	# 64
50) Dimethylphthalate	9.45	163	62282	2.566	ng	99
51) 2,6-Dinitrotoluene	9.73	165	42030	7.675	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	42030	6.035	ng	# 24

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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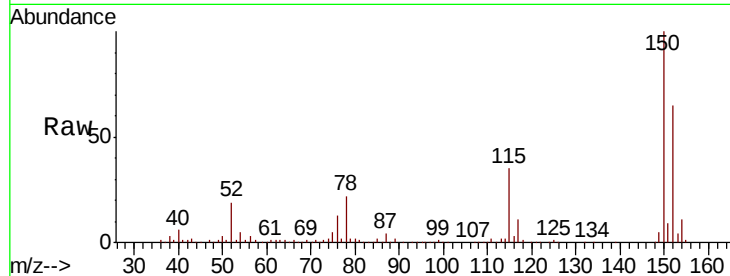


#1

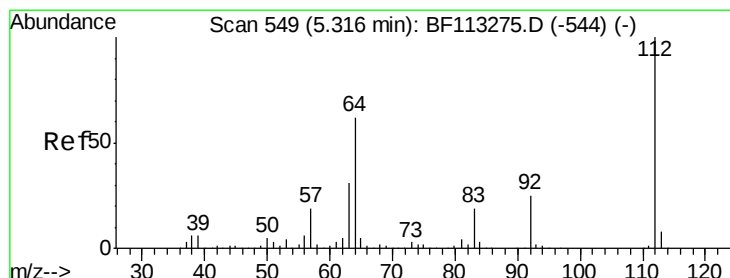
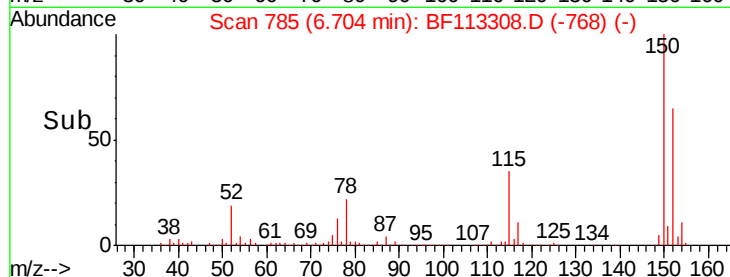
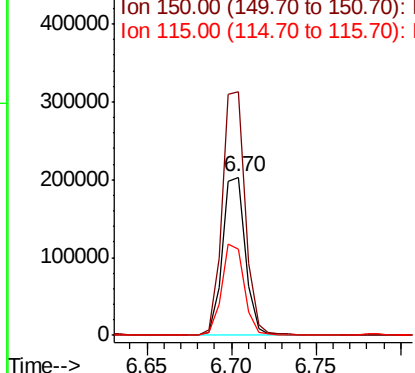
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113308.D
Acq: 26 Mar 2019 23:20

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-B

Tgt Ion:152 Resp: 192913
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 54.3 46.0 69.0



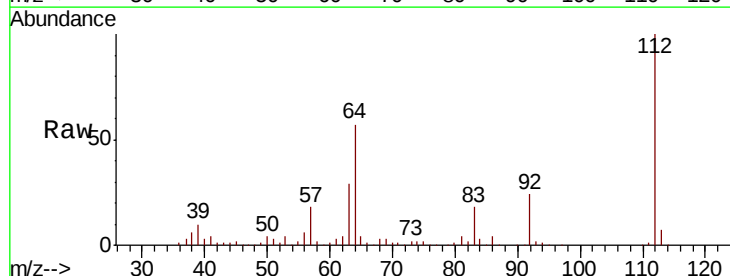
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



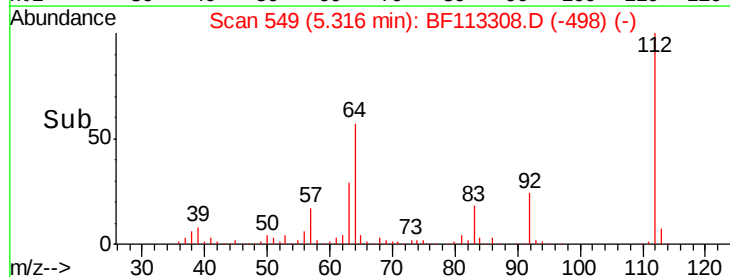
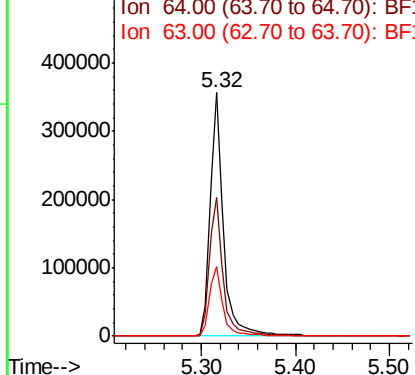
#5

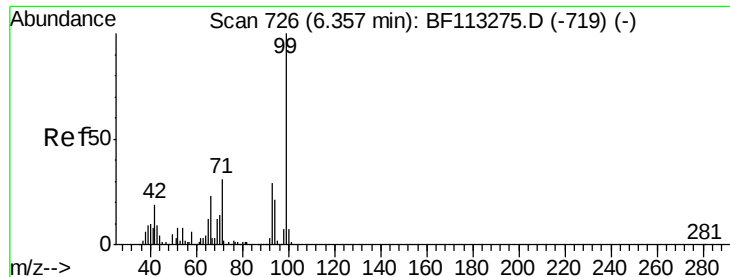
2-Fluorophenol
Concen: 30.387 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF113308.D
Acq: 26 Mar 2019 23:20

Tgt Ion:112 Resp: 358503
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 28.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.278 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-3H-B

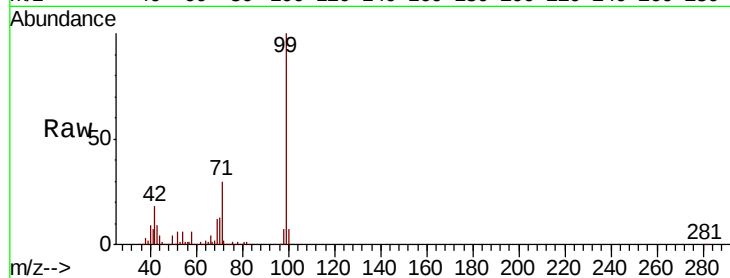
Tgt Ion: 99 Resp: 287732

Ion Ratio Lower Upper

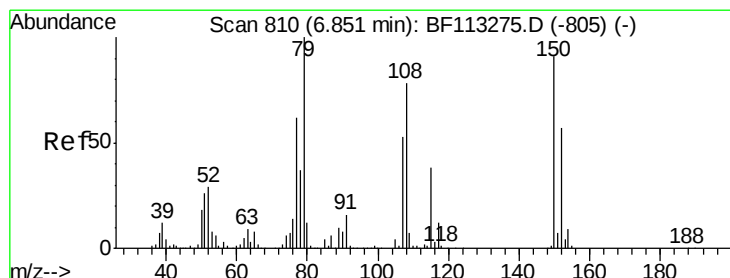
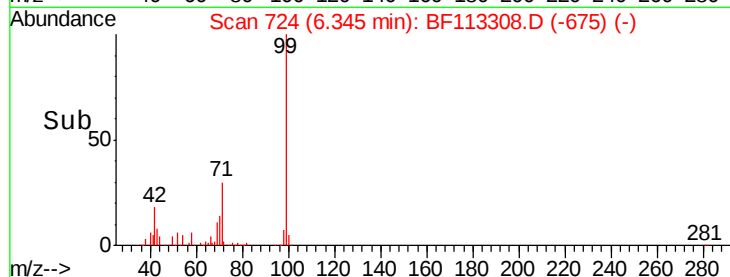
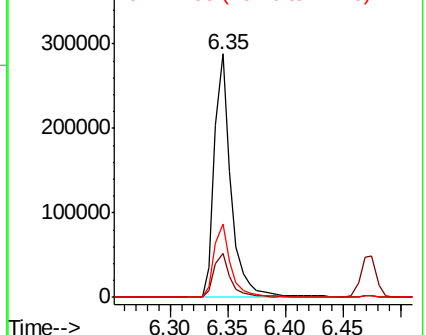
99 100

42 18.0 14.8 22.2

71 30.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 2.938 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

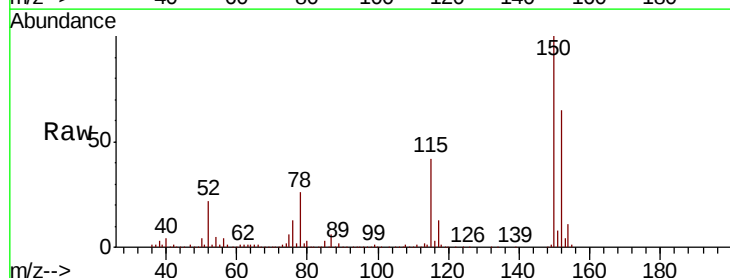
Tgt Ion: 79 Resp: 28924

Ion Ratio Lower Upper

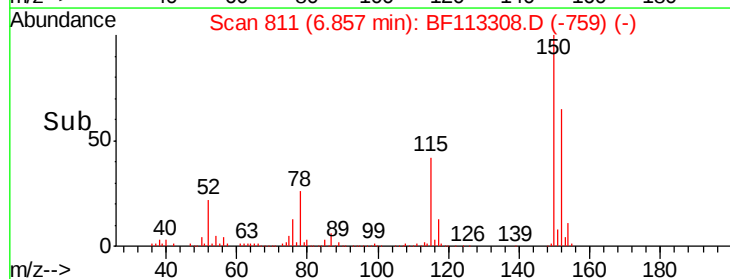
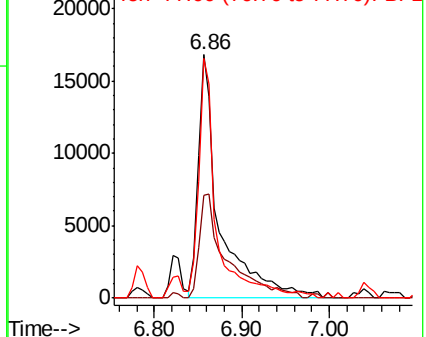
79 100

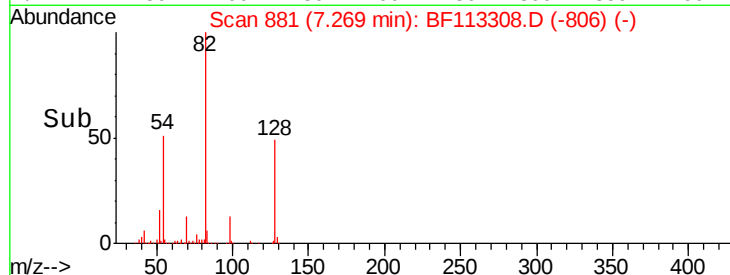
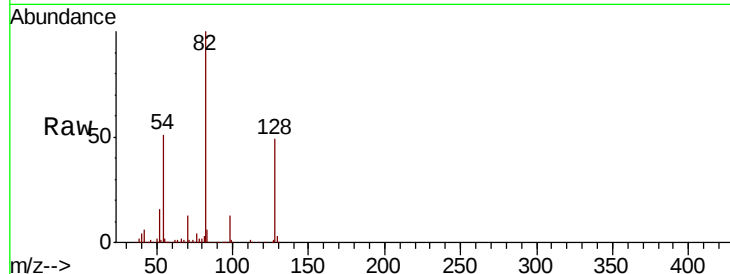
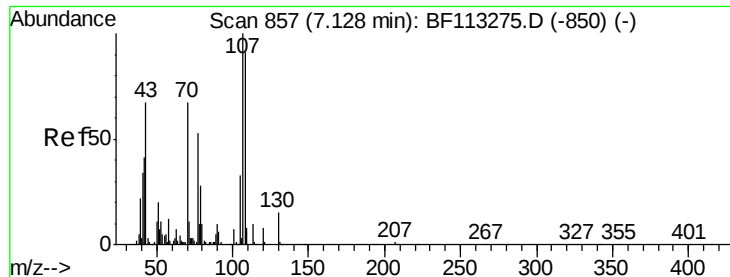
108 42.2 62.0 93.0#

77 98.7 49.9 74.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

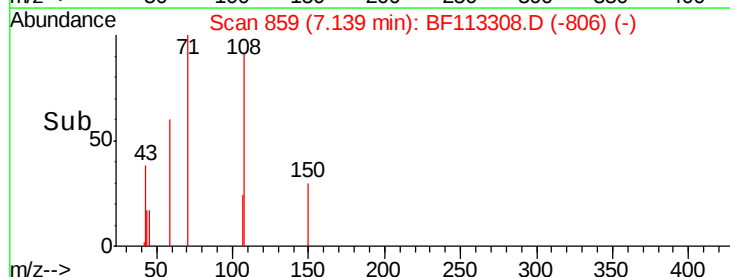
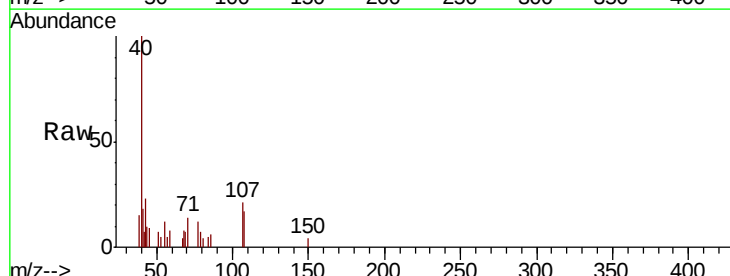
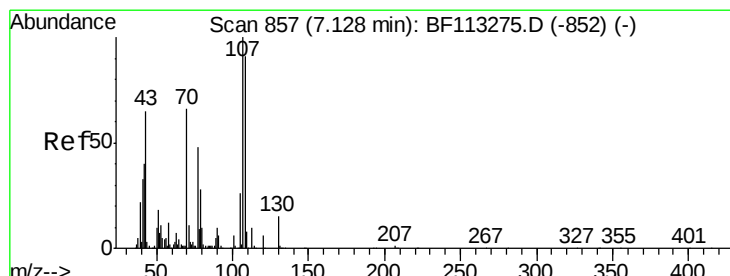
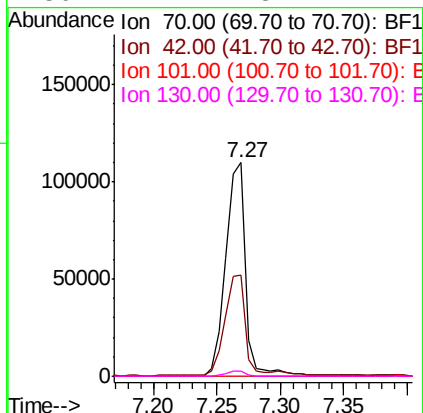




#19
n-Nitroso-di-n-propylamine
Concen: 12.895 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF113308.D
Acq: 26 Mar 2019 23:20

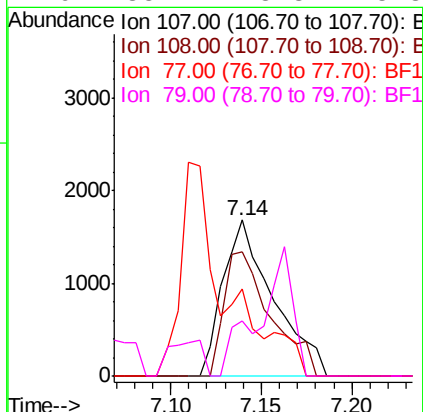
Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-B

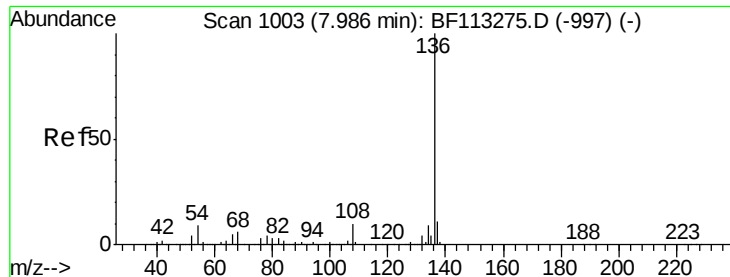
Tgt Ion: 70 Resp: 120896
Ion Ratio Lower Upper
70 100
42 47.6 48.4 72.6#
101 0.0 7.8 11.8#
130 2.4 18.2 27.4#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF113308.D
Acq: 26 Mar 2019 23:20

Tgt Ion: 107 Resp: 3250
Ion Ratio Lower Upper
107 100
108 79.4 71.4 111.4
77 55.6 33.5 73.5
79 35.4 8.3 48.3

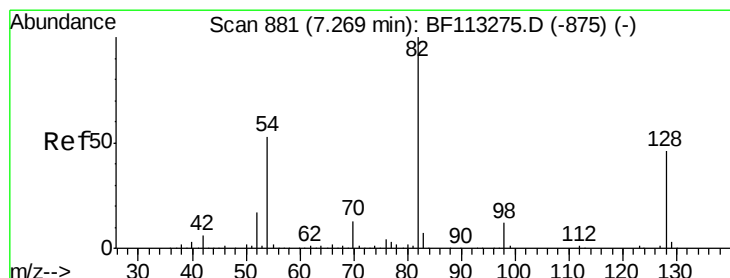
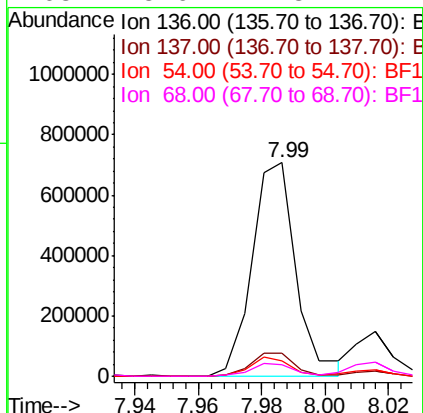
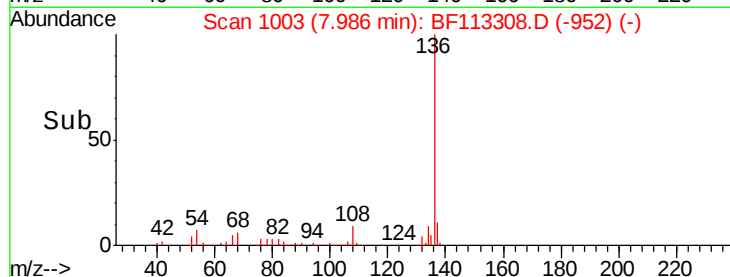
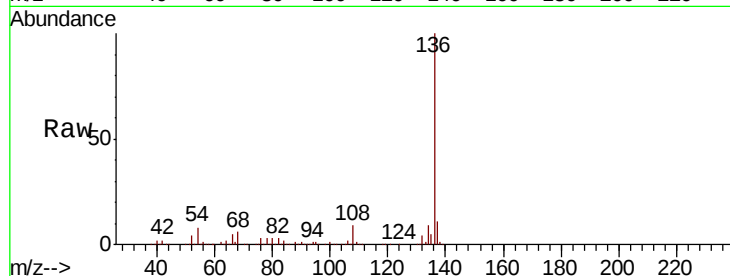




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113308.D
Acq: 26 Mar 2019 23:20

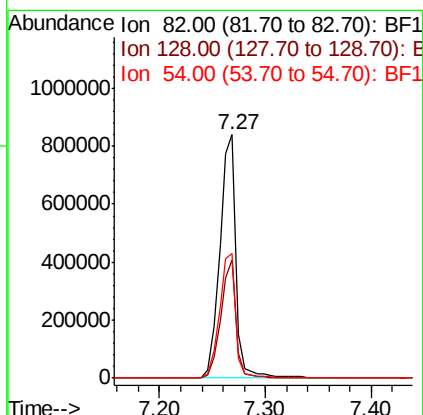
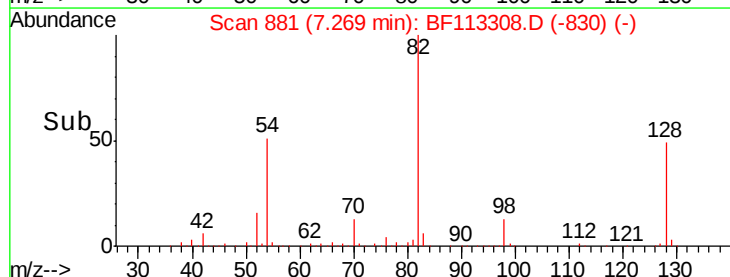
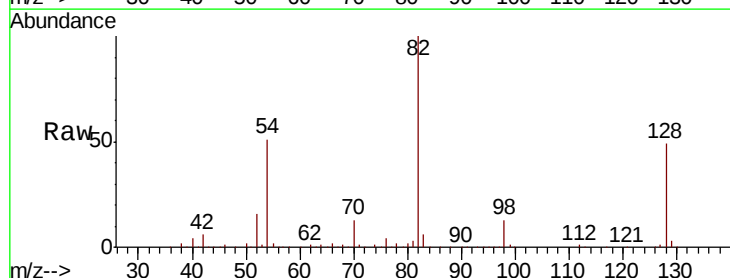
Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-B

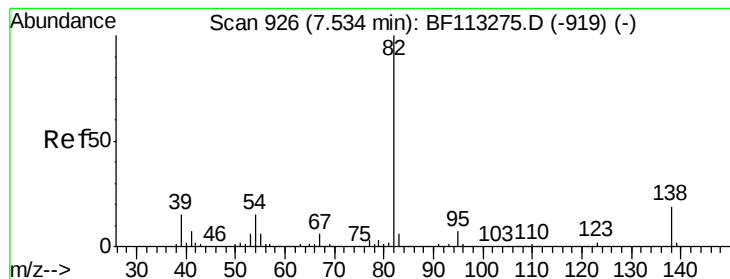
Tgt Ion:	136	Resp:	682861
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	7.0	10.6
68	5.6	4.8	7.2



#23
Nitrobenzene-d5
Concen: 78.828 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113308.D
Acq: 26 Mar 2019 23:20

Tgt Ion:	82	Resp:	906905
Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.5	54.7
54	51.4	42.2	63.2





#25

Isophorone

Concen: 39.501 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-3H-B

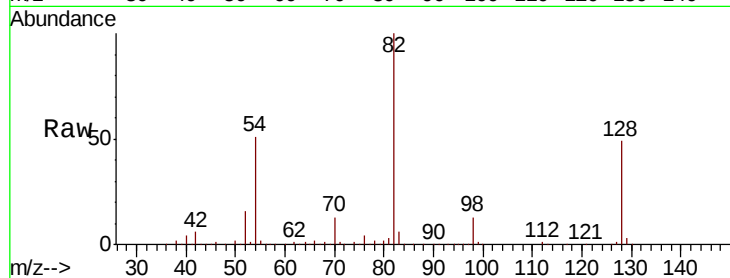
Tgt Ion: 82 Resp: 880724

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

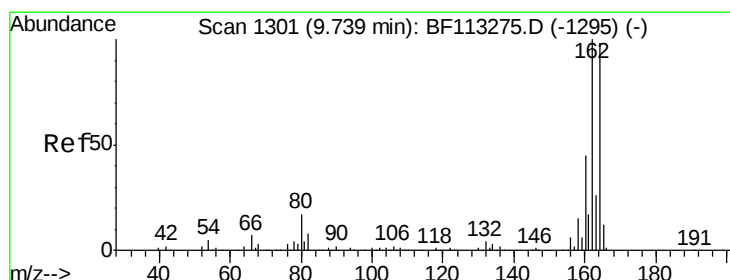
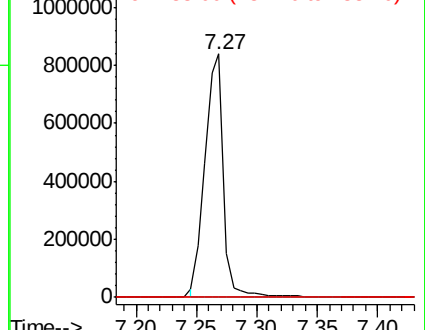
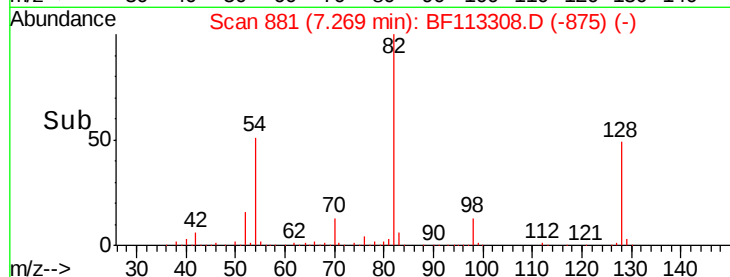
138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

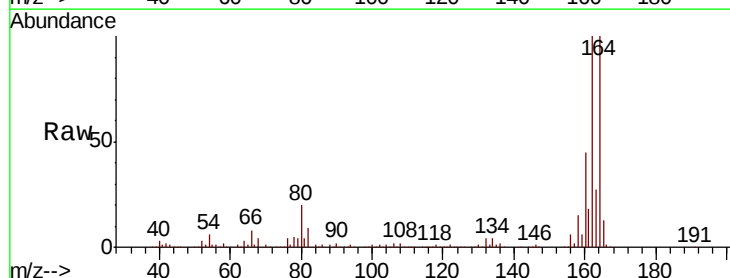
Tgt Ion: 164 Resp: 327560

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

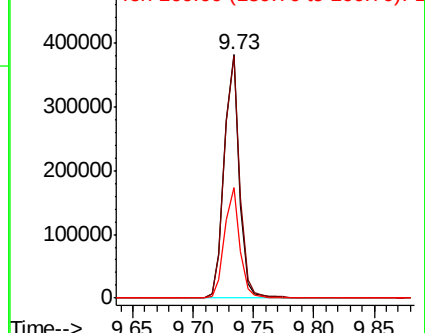
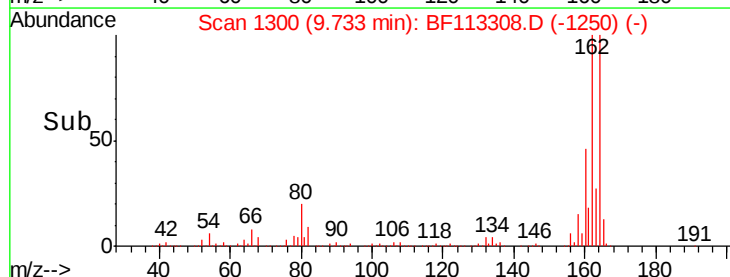
160 45.5 36.4 54.6

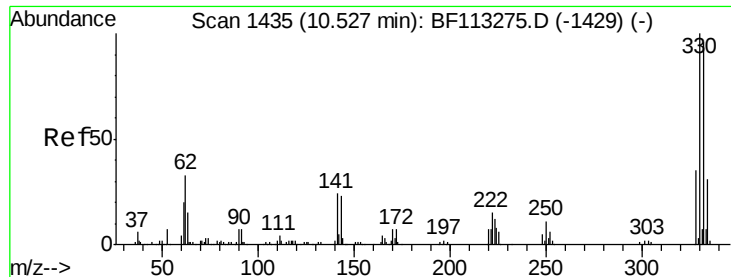


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

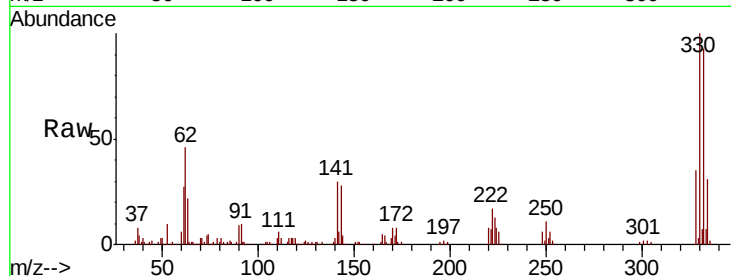




#42
 2,4,6-Tribromophenol
 Concen: 57.081 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113308.D
 Acq: 26 Mar 2019 23:20

Instrument :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.8	116.6
141	27.7	22.7	34.1

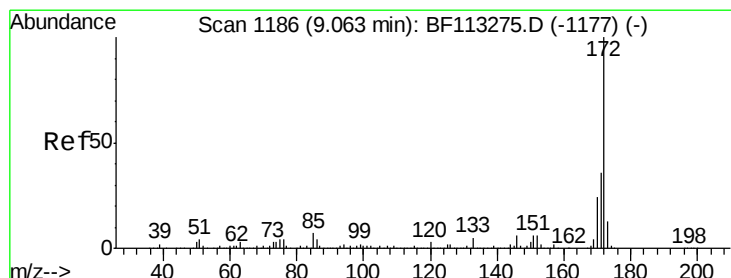
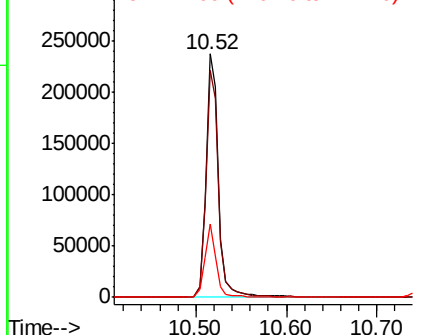
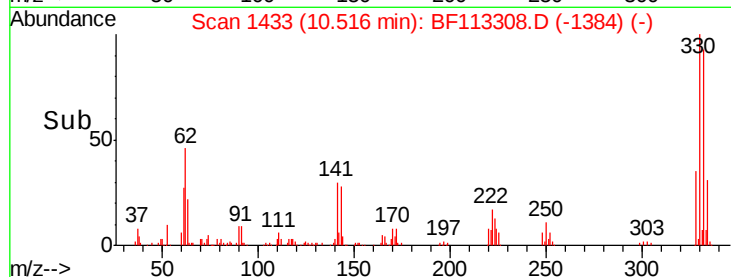


Abundance

Ion 329.80 (329.50 to 330.50): E

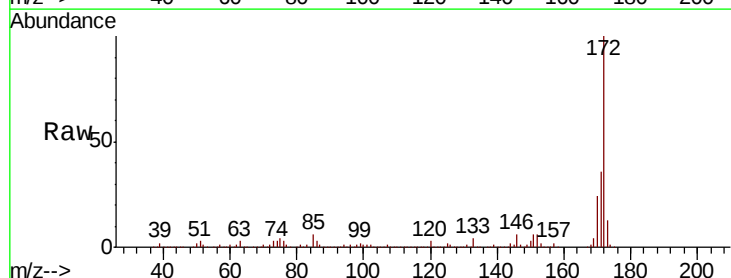
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.368 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113308.D
 Acq: 26 Mar 2019 23:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.4	19.5	29.3

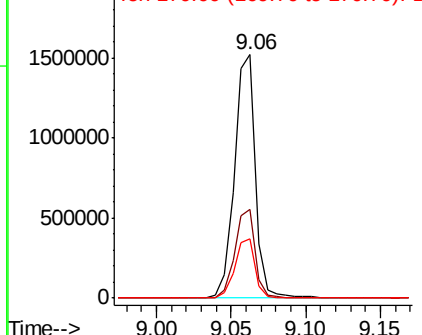
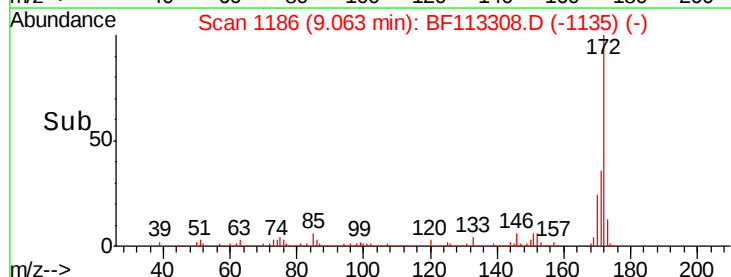


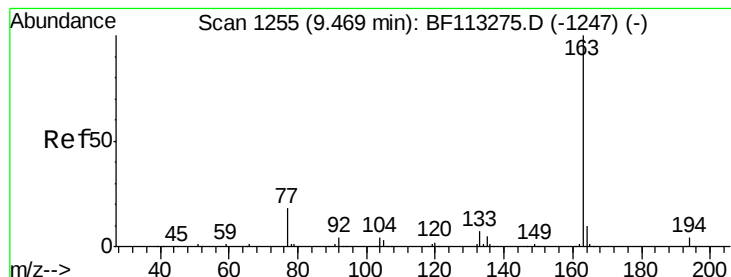
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.566 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

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MH-C05-SETTLED-3H-B

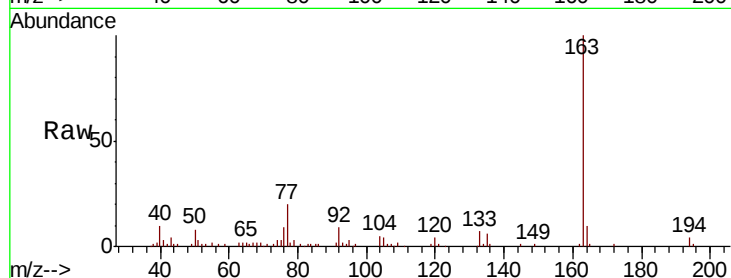
Tgt Ion:163 Resp: 62282

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

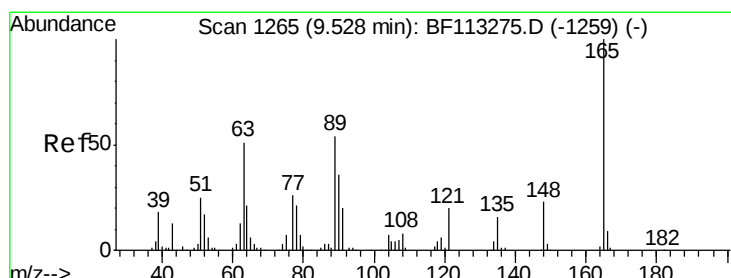
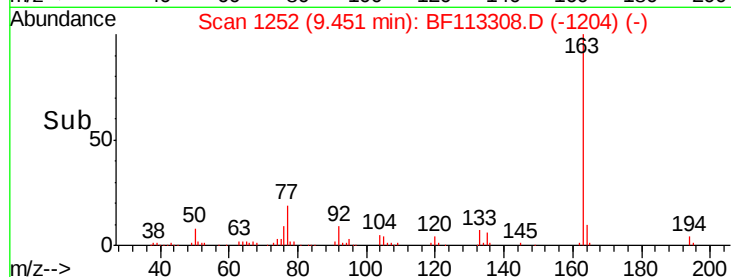
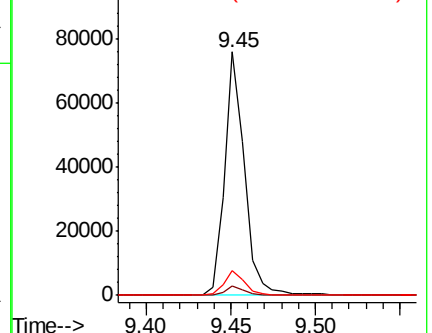
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.675 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

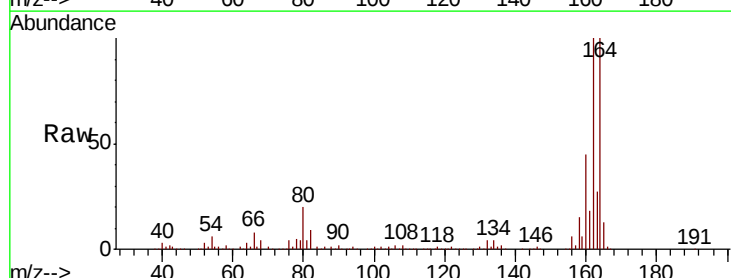
Tgt Ion:165 Resp: 42030

Ion Ratio Lower Upper

165 100

63 1.8 43.4 65.0#

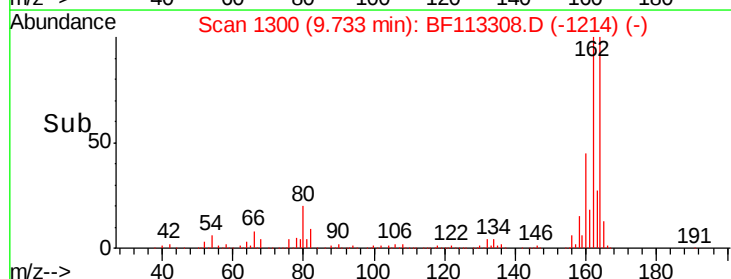
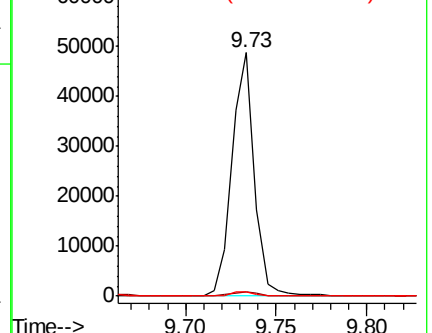
89 1.7 43.1 64.7#

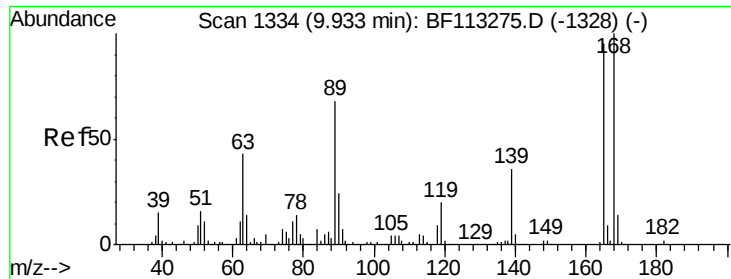


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

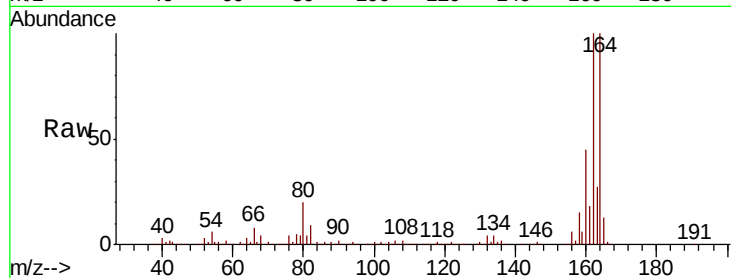




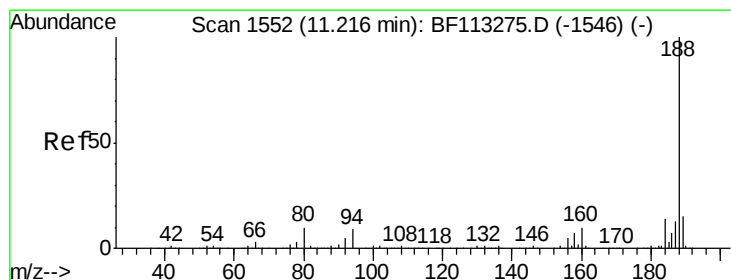
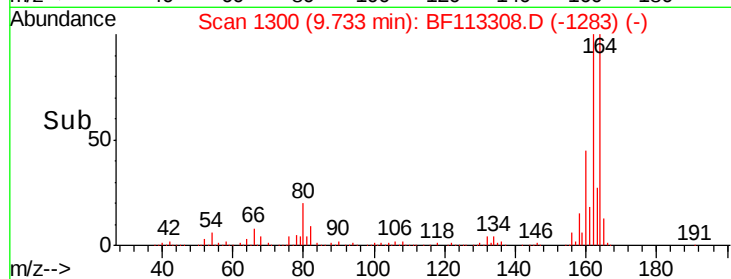
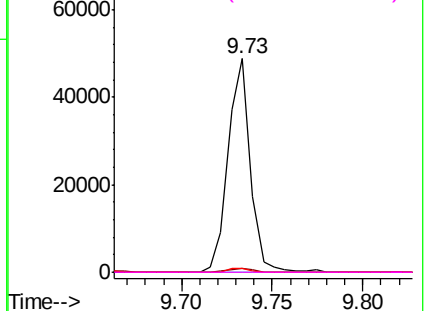
#57
 2,4-Dinitrotoluene
 Concen: 6.035 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113308.D
 Acq: 26 Mar 2019 23:20

Instrument :
 BNA_F
 ClientSampleId :
 MH-C05-SETTLED-3H-B

Tgt Ion:165 Resp: 42030
 Ion Ratio Lower Upper
 165 100
 63 1.8 37.5 56.3#
 89 1.7 57.4 86.2#
 182 0.0 2.0 3.0#

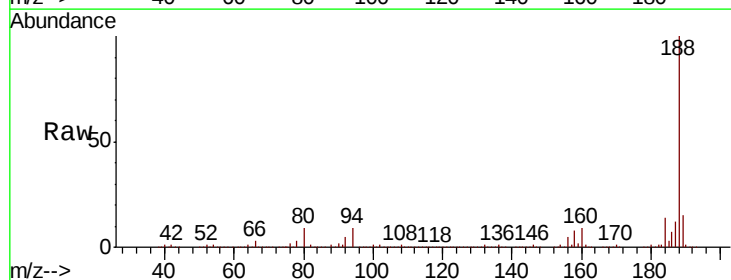


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

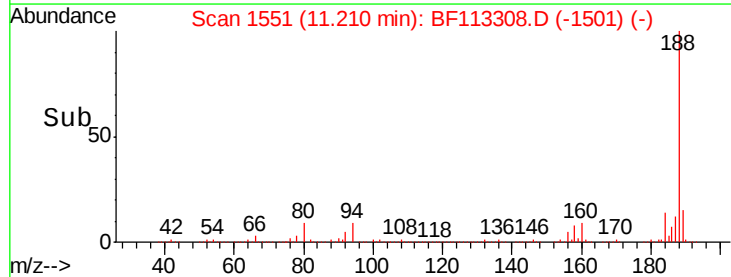
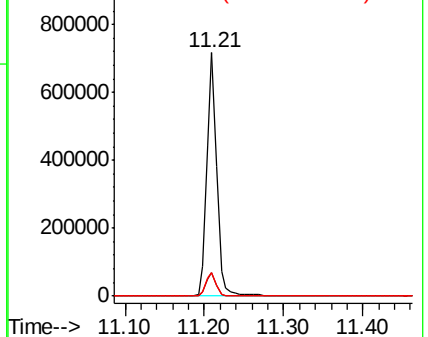


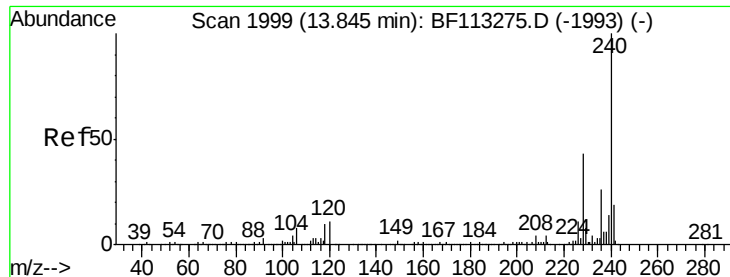
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113308.D
 Acq: 26 Mar 2019 23:20

Tgt Ion:188 Resp: 630244
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.0 10.6
 80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

Instrument :

BNA_F

ClientSampleId :

MH-C05-SETTLED-3H-B

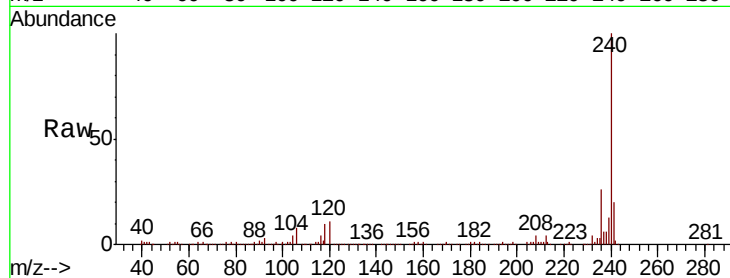
Tgt Ion:240 Resp: 378675

Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

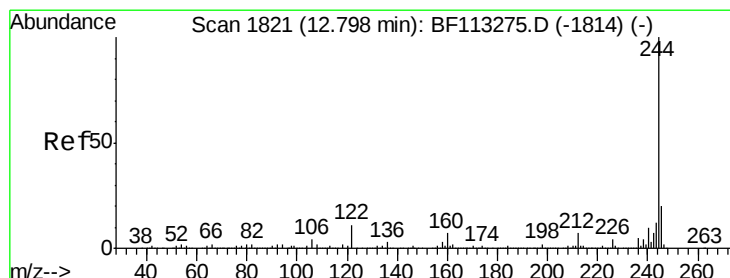
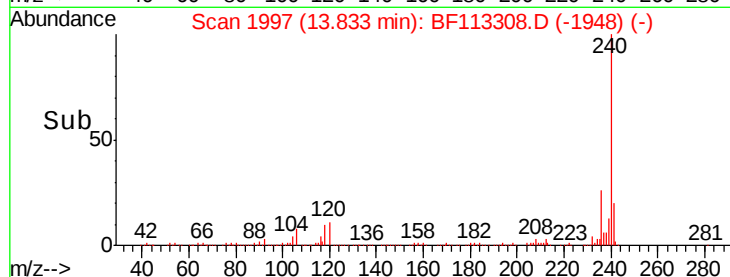
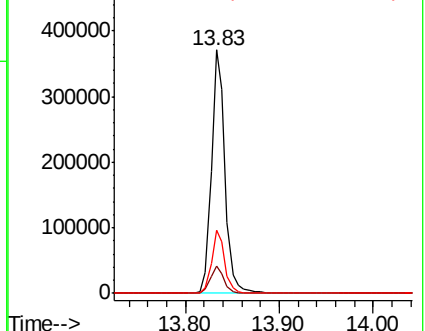
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 70.928 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113308.D

Acq: 26 Mar 2019 23:20

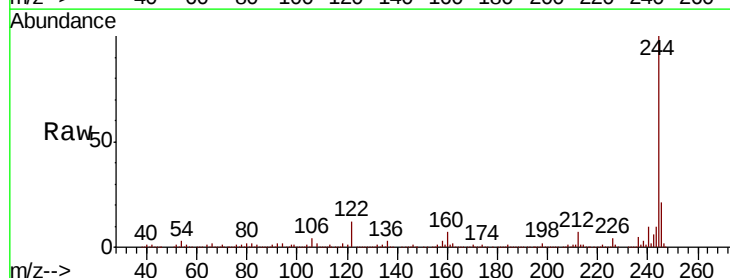
Tgt Ion:244 Resp: 1218537

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

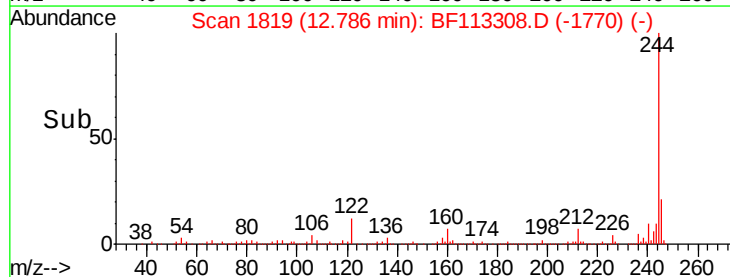
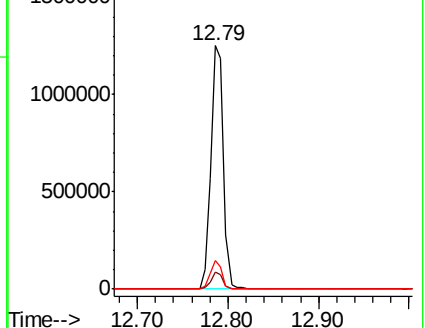
122 11.7 8.6 13.0

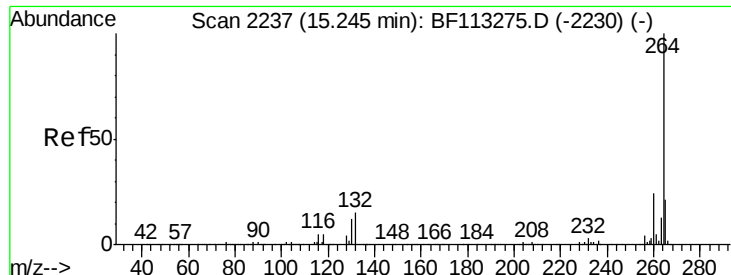


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113308.D
Acq: 26 Mar 2019 23:20

Instrument :
BNA_F
ClientSampleId :
MH-C05-SETTLED-3H-B

Tgt Ion: 264 Resp: 499942
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.6 17.1 25.7

